## INTERNATIONAL SEARCH REPORT

PCT/II 03/00462

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F23R3/36 F23D17/00 F23L7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 F23R F23D F02C F27D F23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 4 890 453 A (IWAI KAZUMI ET AL) 2 January 1990 (1990-01-02) column 4, line 33 - column 5, line 31 column 5, line 66 - column 6, line 53; figures 1,3	1-3,5,14
<b>X</b>	EP 1 239 219 A (OSAKA GAS CO LTD) 11 September 2002 (2002-09-11) paragraphs '0001!, '0157! - '0167!, '0223! - '0228!; figures 13,33	1-5
X	EP 1 277 920 A (SIEMENS AG) 22 January 2003 (2003-01-22) paragraphs '0010! - '0013!, '0021! - '0023!, '0056!, '0064! - '0066!; figure 2	1-3,10,

X Further documents are listed in the continuation of box C	X Patent family members are listed in annex
* Special categories of cited documents  *A* document delining the general state of the art which is not considered to be of particular relevance  *E* earlier document but published on or after the international filling date  *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filling date but later than the priority date claimed	<ul> <li>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</li> <li>*&amp;* document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
26 March 2004	05/04/2004
Name and mailing address of the ISA  European Palent Office, P.B. 5818 Palentlaan 2  NL - 2280 HV Ruswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax. (+31-70) 340-3016	Authorized officer  Coli, E

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Internation Application No PCT/II 03/00462

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